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## RNase Inhibitor

RNase Inhibitor is a protein which specifically inhibits ribonucleases. It is used in applications such as in vitro translation, cDNA synthesis, RNA in vitro analysis, RNA purification, etc. RNase inhibitor is easier to use and to eliminate than vanadylribonucleosides.

Source:	Human placenta
Unit definition:	One unit is the amount of protein required to inhibit the activity of 5µg of ribonuclease A by 50%. A minimal concentration of DTT (1mM) is required to maintain the activity. If less than 1mM DTT is used, the RNase inhibitor is irreversibly inactivated. The protein is denatured over 65°C.
Quality control:	Each batch checked for absence of RNases, nickases, exo- and endonucleases.
Storage:	Store at -20°C

### References:

Blackburn, P., (1979), J.Biol.Chem., 254, 12484.

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Cat.No.	Description	Size
17-RNAI0001	RNase Inhibitor	1000 U
17-RNAI0002	RNase Inhibitor	10000 U

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